

**REQUEST FOR BIDS**

**Page 1 of 1**

**CITY OF MOUNTAIN VIEW**  
**Purchasing Division**  
**500 Castro St/PO Box 7540**  
**Mountain View CA 94039-7540**  
**Ph 650-903-6324 Fax 650-968-5472**

**Bid Due Date: 11/17/04**  
**Bid Due Time: 2:00 PM**

**Vendor Name** \_\_\_\_\_  
**Vendor Address** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Item	Qty	Unit	Description	Unit Price	Amount
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Modernize four passenger elevators in the City Hall and Center for the Performing Arts, as per attached specifications.

LOT 1					
0001	1	Lot	City Hall public elevator	\$ _____	\$ _____
0002	1	Lot	City Hall staff elevator	\$ _____	\$ _____

LOT 2					
0003	1	Lot	PAC garage elevator	\$ _____	\$ _____
0004	1	Lot	PAC public elevator	\$ _____	\$ _____
0005	1	Lot	PAC staff elevator	\$ _____	\$ _____

LOT 3					
0006	1	Lot	City Hall central monitoring system integrate with the existing monitoring system.	\$ _____	\$ _____

Required Site Review is scheduled for 10:00 AM  
 Wednesday, November 3, 2004 beginning at the  
 City Hall Entrance Rotunda, 500 Castro Street,  
 Mountain View, CA 94041

Payment Terms: Net 30 or better _____	Subtotal	\$ _____
Guaranteed Delivery of ____ business days ARO	8.25% Sales Tax	\$ _____
	(Pre-pay & Add) Shipping	\$ _____
Signature Accepts City's Attached Terms & Conditions	GRAND TOTAL	\$ _____

\_\_\_\_\_  
 Signature of Company Officer  
 \_\_\_\_\_  
 Printed Name of Company Officer

\_\_\_\_\_  
 E-mail address  
 \_\_\_\_\_  
 Phone Number  
 \_\_\_\_\_  
 FAX Number

**CITY OF MOUNTAIN VIEW  
REQUEST FOR BIDS NO. R050328  
INSTRUCTIONS FOR SUBMITTING BIDS**

1. **Type of Reply Requested:**

- ☐ Request for Bid, Informal (fax bids are acceptable)  
☒ Request for Bid, Formal, Public Opening (no faxes)

2. **Bids Due:** 2:00 PM, Wednesday, November 17, 2004

3. **Reply To:**

City of Mountain View  
Attention: Chris Hartje, Supervising Buyer  
500 Castro Street  
Mountain View, CA 94041

or

P.O. Box 7540  
Mountain View, CA 94039-7540

Phone: (650) 903-6324 Fax: (650) 968-5472

**Questions:** Call the person named above for questions regarding this bidding process, or call \_\_\_\_\_ at \_\_\_\_\_ for questions regarding the specifications and/or requirements.

4. **Reply Format:** The entire bid form, including all attachments, must be returned by the bid due date to the above address. The envelope returning the bid shall have the bid number and the due date. By signing our bid form, you are agreeing to the City's Terms and Conditions. (**Please note insurance requirements on Pages 5 and 6.**) Once notified of bid award, the Vendor has five days to send the correct certificate of insurance. Lack of a timely response is grounds for rejection of the Vendor's bid.
5. **Prebid Conference:** The prebid conference is mandatory (if required and noted on the bid form) and is for the City's protection, to ensure that vendors know the work required. The Purchasing Agent may waive this requirement if the Vendor is familiar with the work requirements and asks the City for permission to miss the prebid conference.
6. **Deviations from Bid Specifications:** If there are any deviations from the brands and/or specifications, the Vendor MUST note such differences, brand names, model numbers and attach brochures and a complete description of the goods or services bid. The burden of showing the equivalency is on the Vendor.
7. **Bid Award:** The City reserves the right to reject any and all bids, or to waive any errors, discrepancies or irregularities. The bid will be awarded at the discretion of the City Manager (formal bids) or Purchasing Agent (all other bids) on an item-by-item basis, or in any fashion that best meets the needs of the City. All blanks for unit prices must be completed.

## TERMS AND CONDITIONS

1. **Payment Terms:** The City's payment terms are, at a minimum, net thirty (30) days after acceptance of service or delivery of goods. The Vendor's invoice must easily match the unit prices listed in this bid and must include the Vendor's Social Security number or Federal Tax I.D. number. Vendors may offer discounted payment terms and those should be listed on the Vendor's response.
2. **Time of Delivery/Completion:** Time is of the essence on this purchase order. The Vendor shall deliver all of the goods or complete all of the services called for under this proposal within the number of working/calendar days or by the date specified for completion in this proposal, unless the delays are caused by the City or by acts of God. Failure to deliver on time shall be grounds for termination of this Agreement or invoke "Liquidated Damages" if required below.
3. **Freight Charges:** All prices bid shall include all freight costs and ownership transfers to the City at the City's location and are F.O.B. destination to the designated locations. Freight, if quoted separately, shall be prepaid and added to the invoice with ownership transferring to the City when delivery is completed to the City's location.
4. **Liquidated Damages:**

☐ Required                      ☒ Not Required

If required, it is agreed by the Vendor that if the goods or services are not delivered complete, as called for in this proposal, damages will be sustained by the City, and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is, therefore, agreed that the Vendor will pay to the City the sum of Three Hundred Fifty Dollars (\$350) per day for each and every calendar day's delay in finishing the work in excess of the number of working or calendar days prescribed or in excess of the date specified for completion or delivery of the goods or services, whichever is applicable in this Proposal; and the Vendor agrees to pay said liquidated damages as herein provided; and in case the same are not paid, agrees that the City may deduct the amount thereof from any moneys due or that may become due the Vendor under this proposal.

Partial payments paid to the Vendor after the scheduled completion dates shall not be constituted as a waiver of the City's right to assess liquidated damages.

5. **Firm Prices:** All quotes will be held firm for a minimum of thirty (30) days after the bid due date listed above to allow adequate time for the City to consider each bid and make an award. All blanks for unit price and total price shall be completed. Any discrepancy between the unit price and the extended or total price shall be determined by taking the lower price. Upon receipt of this bid by the City, the Vendor shall be presumed to be thoroughly familiar with all the aspects of this proposal, including installation sites and all specifications and requirements of this proposal. The failure or omission to examine any location, equipment, form, instrument or document shall in no way relieve Vendor from any obligation in respect to this bid.
6. **Warranty:** The delivered or installed goods, equipment or services shall be warranted to be free from defects in material and workmanship. The warranty period shall begin upon acceptance by the City. As a minimum, all goods, equipment and services shall be warranted to operate satisfactorily in accordance with the requirements of these specifications, representations of the Vendor and the published specifications of the manufacturer(s) for a period of at least one (1)

year. Any defective goods, equipment or services shall be replaced or repaired quickly at the City's location during the warranty period at no expense to the City. If repairs cannot be made at the City's location, the Vendor shall transport/ship the equipment to a repair facility. All repairs must be completed and the equipment returned to the City within seventy-two (72) hours of a call for service. If the Vendor fails to have the equipment repaired within seventy-two (72) hours, the Vendor shall provide an equal "loaner" piece of equipment until the City's equipment is returned in operating condition.

7. **Prevailing Wages:**

☐ Required      ☒ Not Required

If required, notice is hereby given that the latest general prevailing rate of per diem wages, as determined by the Director or the Department of Industrial Relations, State of California, is to be paid to the various craftsmen and laborers employed in the construction of this project and is made a part of the specifications and contract for this project.

Reference is hereby made to copies of the general rate of per diem wages as determined by the Director of the Department of Industrial Relations on file in the Department of Public Works, City of Mountain View, which are available to any interested party.

For failure to pay the prevailing wages, the contractor shall forfeit, as a penalty, to the City, Fifty Dollars (\$50) for each workman for each calendar day or portion thereof who is paid less than the stipulated prevailing wage for work done under this contract, in violation of the provisions of the Labor Code, Sections 1770 to 1780, inclusive. In addition to said penalty, the contractor, or subcontractor, shall pay to each worker the difference between the prevailing wage and the amount paid to said worker for each calendar day for which said worker was paid less than the prevailing wage.

8. **MSDS:** General Industrial Safety Order 5195 requires Material Safety Data Sheets (MSDS) be supplied, for all applicable items, with the initial delivery.

9. **Licensed Contractor:** All contractors bidding on work requiring a State of California Contractor's License must state under penalty of perjury that they are a licensed contractor by listing their license number, date of expiration, type of license and description of that type of license.

Contractor's License No.: \_\_\_\_\_

Date of Expiration: \_\_\_\_\_

Type of License: \_\_\_\_\_

Description of License: \_\_\_\_\_

10. **Ownership and Collusion—Financial Interest by City Employees:** The Vendor certifies, by signing this bid, that he/she has not, directly or indirectly, been collusive with any other vendor or anyone else interested in this bid. Additionally, the Vendor stipulates that no City officer or employee shall be financially interested, either directly or indirectly, in any contract, sale, purchase or lease to which the City is a party, and the Vendor stipulates that no City officer or employee has greater than five percent (5%) ownership in this company, as per Section 706 of the City of Mountain View Charter.

11. **Assignment:** Any purchase order issued as a result of this bid may not be assigned without written consent of the City.

12. **Termination:** Any purchase order issued as a result of this bid may be terminated by the City at any time with ten (10) days' written notice. The City will only pay for any goods or services ordered and accepted by the City. Any payments made in advance will be returned to the City on a prorated basis with the City only paying for those goods or services actually provided.
13. **Funding Out Clause:** Any purchase order issued as a result of this bid may be terminated every June 30 based upon the City Council not funding the purchase of goods or services to be provided in this bid after each July 1.
14. **Nondiscrimination:** The Vendor shall afford equal employment opportunities for all persons without discrimination because of race, color, religion, sex, sexual orientation, political affiliation, national origin, ancestry, age, marital status or physical or mental disability.
15. **Applicable Laws and Attorneys' Fees:** This Agreement shall be construed and enforced pursuant to the laws of the State of California. Should any legal action be brought by a party for breach of this Agreement or to enforce any provision herein, the prevailing party of such action shall be entitled to reasonable attorneys' fees, court costs and such other costs as may be fixed by the court. Reasonable attorneys' fees of the City Attorney's Office, if private counsel is not used, shall be based on comparable fees of private attorneys practicing in Santa Clara County.
16. **Subcontractors:** The City prefers a proposal with a single or primary vendor. If you propose a multi-vendor or subcontracted approach, clearly identify the responsibilities of each party and the assurances of performance you offer. The Vendor is the prime contractor and is solely responsible for all of the Vendor's subcontractors.
17. **Insurance:**
  - a. **Commercial General Liability/Automobile Liability Insurance:** The Vendor shall obtain Commercial General Liability insurance and Automobile Liability insurance in the amount of One Million Dollars (\$1,000,000) per occurrence. If a general aggregate limit is used, either the general aggregate limit shall apply separately to this contract or the general aggregate limit shall be twice the required occurrence limit. The Vendor's insurance coverage shall be written on an occurrence basis.
  - b. **Professional Liability Insurance:**  

☐ Required                      ☒ Not Required

If required, the Vendor shall obtain Professional Liability insurance in the amount of One Million Dollars (\$1,000,000) per occurrence. Professional Liability insurance must be maintained and evidence of insurance shall be provided to the City for at least three (3) years after completion of work.
  - c. **Workers' Compensation Insurance:** The Vendor shall obtain statutory Workers' Compensation insurance and Employer's Liability insurance in the amount of One Million Dollars (\$1,000,000) per accident.
  - d. **Acceptability of Insurers:** Insurance is to be placed with insurers with a current *Best Rating* of A:VII unless otherwise acceptable to the City.

e. **Verification of Coverage:** Insurance, deductibles or self-insurance retentions shall be subject to the City's approval. Original Certificates of Insurance with endorsements shall be received and approved by the City before work commences, and insurance must be in effect for the duration of the contract. The absence of insurance or a reduction of stated limits shall cause all work on the project to cease. Any delays shall not increase costs to the City or increase the duration of the project.

f. **Other Insurance Provisions:**

- (1) The City of Mountain View, its officers, officials, employees and volunteers are to be covered as additional insured by Endorsement CG 20 10 11 85 for Commercial General and Automobile Liability coverage.
- (2) For any claims related to this project, the Vendor's insurance coverage shall be primary and any insurance or self-insurance maintained by the City, its officers, officials, employees and volunteers shall not contribute to it.
- (3) Each insurance policy required shall be endorsed that a thirty (30) day notice be given to the City in the event of cancellation or modification to the stipulated insurance coverage.
- (4) In the event the Vendor employs subcontractors as part of the work covered by this Agreement, it shall be the responsibility of the Vendor to ensure that all subcontractors comply with the same insurance requirements that are stated in this Agreement.

18. **Hold Harmless:** The Vendor hereby agrees to and shall indemnify, defend and hold the City, its officers, agents and employees harmless from any liability for damage or claims for damage for personal injury, including death and/or property damage, caused by negligent acts, errors or omissions in performance of professional services under this Agreement by the Vendor or the Vendor's contractors, subcontractors, agents or employees' operations under this Agreement. The City shall cooperate reasonably in the defense of any action, and the Vendor shall employ competent counsel, reasonably acceptable to the City Attorney.

19. **Reliance Upon Professional Skill:** It is mutually agreed by the parties that the City is relying upon the professional skill of the Vendor, and the Vendor represents to the City that its work shall conform to generally recognized professional standards in the industry. Acceptance of the Vendor's work by the City does not operate as a release of the Vendor's said representation.

20. **Extending Contract Pricing:** The successful Vendor will extend bid pricing as quoted herein to other political subdivisions (i.e., cities, counties, school districts, etc.).

☐ Yes ☐ No

If prices bid herein are offered to other political subdivisions, additional delivery charges, if any, must be negotiated between the political subdivision and the Vendor.

21. **Entire Agreement:** This Agreement contains the entire understanding between the parties with respect to the subject matter herein. There are no representations, agreements or understandings (whether oral or written) between or among the parties relating to the subject matter of this Agreement which are not fully expressed herein. If the attachments or exhibits to this Agreement, if any, are inconsistent with this Agreement, this Agreement shall control.

22. **Bid Sheet:** The unit pricing shall include all labor and materials to fully upgrade each elevator system listed below.

<b><u>Item</u></b>	<b><u>Elevator</u></b>	<b><u>Unit Price</u></b>
<b><u>LOT I</u></b>		
1	City Hall public elevator	\$_____
2	City Hall staff elevator	\$_____
<b><u>LOT II</u></b>		
3	PAC garage elevator	\$_____
4	PAC public elevator	\$_____
5.	PAC staff elevator	\$_____
<b><u>LOT III</u></b>		
6	City Hall central monitoring system integrate with the existing monitoring system	\$_____
<b>TOTAL BASE BID</b>		\$_____
<b>Alternates</b>	<b>Upgrade price only</b>	
7	City Hall new MCE hydraulic control system—delete	<\$_____>
8	City Hall INX data loop	\$_____
9	Other	\$_____

## 23. SPECIFICATIONS

### **PROJECT SUMMARY**

Furnish labor and material to modernize four passenger elevators in the City Hall and Center for the Performing Arts. The control and all associated equipment shall comply with Title 8, Subchapter 6 and ASME 17 of the elevator safety orders for the State of California.

## **GENERAL PROVISIONS**

### **1. Prevailing Wage Requirements**

This is a nonprevailing wage project. Department of Industry prevailing wage requirements will not apply to this project.

### **2. Responsibilities of the Contractor**

The City assumes no responsibility for loss of or damage to materials or equipment owned or operated by the contractor, his agents or employees. All work damaged due to vandalism or any other cause prior to acceptance of the work by the City shall be repaired or replaced by the contractor at the contractor's own expense.

The contractor shall comply with all applicable State and local laws, ordinances, codes and regulations. All safety orders, rules and recommendations of the Division of Industrial Relations of the State of California, applicable to all the work performed under this contract, shall be obeyed and enforced by the contractor. The contractor shall be solely responsible for any and all injuries to individuals or properties resulting directly or indirectly from the contractor's performance of the work, and the contractor agrees to indemnify and hold the City free and harmless from and against any and all liabilities, expenses, claims, costs, suits and damages arising out of the negligence or on the part of the contractor.

### **3. Working Hours**

The regular working hours for the City are between 6:00 a.m. and 4:00 p.m. from Monday to Friday and 8:00 a.m. to 4:00 p.m. on Saturday.

### **4. Site Appearance**

The contractor shall maintain a neat appearance to the work site throughout the construction period. When practical, broken concrete, dirt and debris generated by the construction shall be disposed of concurrently with its removal. If stockpiling is necessary, the material shall be removed or disposed of daily or at the direction of the Facilities Project Manager.

### **5. Damages**

If the contractor damages any improvements, the contractor shall repair or replace the damaged improvements to the satisfaction of the Facilities Project Manager. The repair or replacement work shall be of equal or greater quality and in appearance to prior condition. The repair or replacement method used shall be approved by the Facilities Project Manager.

The contractor shall solely be responsible for and bear the costs of repairing or replacing damaged improvements. Excess materials generated from the repair or replacement work shall be disposed of off-site by the contractor at the contractor's own expense.

### **6. Disposal of Materials**

The removed equipment is to be disposed of off-site in a legal manner. The contractor shall not stockpile debris, rubbish, garbage, excess materials or other unwanted materials on the sidewalk or on the street. All demolition rubble, debris, dirt, trees, shrubs, vegetation and other excess materials resulting from the contractor's operations shall be disposed of off-site in a safe and



legal manner at the contractor's own expense. All rubble, debris or other excess materials must be removed at the end of each workday. Washing of excess materials into the storm drain is prohibited.

Payment for transportation and disposal of excess materials and removed equipment shall be considered as included in the contract, and no additional compensation shall be made therefor.

7. Site Cleanup

Site cleanup shall conform to the provisions in Section 4 05, "Final Cleanup," of the Standard Provisions and as specified herein.

If the contractor fails to perform the final cleanup work as specified, the City will withhold the final payment until the contractor complies with the requirements. If the final cleanup is deemed unsatisfactory by the Facilities Project Manager, the contractor shall remedy the work within two (2) working days after receipt of rejection notice from the City. If the contractor fails to remedy the work as directed, the City may, at its own option, hire a third party to perform the work and deduct the cost of the cleanup work from the final payment due the contractor.

8. Insurance Requirements

Follow the requirements from the Purchasing Division under "Instruction for Submitting Bids."

9. Change Order

Contractor shall secure prior approval from the Facilities Project Manager and Purchasing Division for any change orders which may impact project price and schedule. The contractor agrees to waive his/her rights of any claim if any out-of-scope work is carried out without an approved change order signed by the Facilities Manager of the City. If the owner initiates a change order, a detailed cost breakdown proposal shall be submitted within six (6) calendar days for owner's approval. Contractor shall verify all code requirements and include these requirements in the total price. The changes, if any, caused by Building Code requirements will not qualify for a cost change order.

When field changes, clarifications or other information regarding changes to the contractor's work become necessary, a letter will be issued to the contractor notifying the contractor of the changes, clarifications or such other information as the case may be. This letter will instruct the contractor whether or not to proceed with the work and will request an itemized quotation for any applicable change to the contract scope of work.

The contractor's quotation will be analyzed for correctness. After the review and analysis of the quotation by the Facilities Project Manager, it will be incorporated into the appropriate change estimate. Upon City's approval, a contract change order will be issued. Prompt response and submission of the itemized quotation, together with detailed quantity breakdowns of the work and subcontractor and supplier backups, will expedite approval of all changes. The contractor must reply to the City's letter within seven (7) calendar days of its issuance. Failure by the contractor to timely respond to this letter will cause the City to apply a unilateral decision on the cost of the change. Incomplete quotations or insufficient supporting documentation will cause the quotations to be returned for revision and resubmission.

## **SPECIAL PROVISIONS**

### **1. Examinations and Investigation by Contractor**

Contractors are advised that not all existing surface features or underground facilities are shown on the plans and that their locations, as delineated on the drawings, are generally schematic in nature.

Prior to submitting a bid, the contractors shall examine all documents relating to this project and visit the job site to ascertain the nature of the work and the character of the job site. The contractors shall become familiar with the contractual requirements, project limitations, various aspects of the work, physical conditions and surroundings of the job site.

The contractors shall include in their bids a sum sufficient to cover the costs of doing the work under the existing site conditions and project requirements. By submitting a bid for the project, the contractor declares that he or she has thoroughly investigated the job site, examined all related project documents, and is familiar and satisfied with the nature, character and condition of the project site, contractual requirements, project limitations and the various aspects of this project. The City will not consider any claims for compensation whatsoever on account of the contractors' failure to fully investigate and examine the project requirements and job site conditions as required above.

### **2. Construction Schedule**

The construction shall be completed within one hundred fifty (150) days from approval of the purchase order for each phase.

The project may be separated into one elevator or multiple elevators per phase. The phasing to be determined by the City.

### **3. Submittals**

#### **a. General.**

Within fourteen (14) days of the Notice to Proceed, the contractor shall submit to the City for review and approval a list of all items that are specified or reasonably required for the construction, operation and maintenance of the finished work.

#### **b. Payment.**

All costs for the preparation, correction and delivery of the submittals shall be considered included in various items of work requiring submittals, and no other compensation will be made therefor.

### **4. Public Convenience and Safety**

The contractor shall maintain sufficient safeguards against the occurrence of accidents, injuries or damage to any person or property. Barricades shall be placed around all excavations when work is not in progress, as directed by the Facilities Project Manager or the Safety Manager. At night, barricades shall be equipped with portable flashing beacons. The contractor shall be solely responsible for all mishaps and their associated costs.

5. Description of Equipment

CITY HALL ELEVATORS (2) / CENTER FOR THE PERFORMING ARTS ELEVATORS (3):

- a. Elevator, City Hall, Year and Make: 1989 Westinghouse, Model—Hydra/Pass, Serial No. G079611-04.
- b. Elevator, City Hall, Year and Make: 1989 Westinghouse, Model—Hydra/Pass, Serial No. G07961205.
- c. Elevator, Center for the Performing Arts, Year and Make: 1989 Westinghouse, Model—Hydra/Pass, Serial No. G0HG796081.
- d. Elevator, Center for the Performing Arts, Year and Make: 1989 Westinghouse, Model—Hydra/Pass, Serial No. G0HG796092.
- e. Elevator, Center for the Performing Arts, Year and Make: 1989 Westinghouse, Model Hydra/Pass, Serial # G0HG796103.
- f. All Elevators:
  - Capacity: Public elevator—2,500 pounds; staff elevator—3,000 pounds
  - Rated Speed: Plus or minus 150 fpm
  - Landings Served: Five (5)
  - Number of Openings: Five (5) in line
  - Travel: Approximately plus or minus 50'
  - Operation: Simplex selective collective
  - Power Supply: 480 volts; 3 phase; 60 cycle
  - Machine Room Location: Adjacent to each elevator in the basement
  - Signal Fixtures: Illuminating push buttons shall light emitting diodes; emergency light/alarm
  - Door Size and Type: Single speed on the public elevator, 42" x 84"; and center opening on the staff elevator, 42" x 84"
  - Lighting Supply: 120 volts; 60 hertz
  - Special Features:
    - Seismic provisions per code
    - Hands-free phone unit
    - Fire service with alternate landing

- Emergency power battery lowering
- Solid state, Nordic start
- Central monitoring system with security (optional alternate)
- Security (optional alternate)

6. Scope of Work: (Scope provided below will apply to all elevator units.)

- 6.1 Apply and secure all necessary permits. Provide project schedule and submit shop drawings within fourteen (14) days from approval of Purchase Order.
- 6.2 Secure area for public safety and protection of surrounding assets. Provide traffic control and protection signs at all times.
- 6.3 Install an electromagnetic, microprocessor-based controller manufactured by Motion Control Engineering, Inc. (MCE) or approved equal. The new controller shall include all necessary solid-state (Nordic) starting switch of adequate size together with all relays, switches and hardware required to accomplish the operation specified. The new controller shall include fire service, Phases I and II seismic operation and Americans with Disabilities Act (ADA) upgrades.
- 6.4 Bring units in compliance with all State and Federal standards; not limited to health and safety, smoke and fire detectors, heat detectors and shunt trip requirements.
- 6.5 The elevator shall be provided with an automatic electronic leveling device which will bring the car to a stop within 1/8" of the landing level regardless of load or direction of travel. Landing level shall be maintained within the leveling zone irrespective of the hoistway doors being open or closed.
- 6.6 An emergency light and alarm unit employing a rechargeable battery and totally static circuits shall be provided that will adequately illuminate the elevator car and provide current to the alarm bell in the event of a power failure. The battery backup will illuminate the existing car lighting for a period of four (4) hours.
- 6.7 Provide standby power operation. A battery-powered lowering device shall be included in the event of a normal power failure. Should a power failure or brownout occur, the system shall automatically activate and signal the elevator controls under emergency power. The elevator shall stop and return to the bottom landing, open the doors and remain there until normal power has been restored.
- 6.8 All new elevator hoistways and door equipment shall be installed on the elevator to include new solid-state car door operators, tracks, hangers, rollers and door clutch with zone-locking device. Door equipment by GAL Corporation or approved equal.

The new hoistway door equipment shall include new tracks, hangers, door rollers, gibs, pickup roller assemblies, door locks and related cable assemblies.

The doors on the car and at the hoistway entrances shall be power-operated by means of a quality operator mounted on top of the car. The door operator drive shall be gearless and have a variable voltage/variable frequency, AC motor control, employing adjustable cam speed control over door movement. The car door shall have an electronic door edge.

- 6.9 A new electronic infrared door detector shall be installed to allow for reopening before contact can be made with any obstruction during the closing cycle with eighty (80) beams for complete door-closing protection for passengers.
- 6.10 All existing car and hall signal fixture equipment shall be replaced with new ADA-compliant fixtures to meet present Uniform Building Code (UBC) requirements for the State of California, Title 24, Chapter 51, Section 5103. Submit shop drawings to City Facilities Project Manager for approval.

The new fixtures are to be finished with No. 4 brushed stainless steel and shall have the following features:

- a. Car signals shall be built into a new No. 4 stainless steel swing panel and shall include the following:
- Digital readout car position indicators in the color "red," 2" in height, to include direction arrows per elevator located in the transom.
  - Emergency power lighting, car lights and alarm, four (4) hours.
  - LED lamp fixtures comply with Energy Star with rating of ten (10) year life usage.
  - All applicable Braille markings per code.
  - A service cabinet for all elevator key switch or functions.
  - An auto dial ADA phone built into the car station with speaker. The phone shall be preprogrammed to call 9-1-1 dispatch.
  - Engraving for "No Smoking" and "Car Capacity."
  - Floor passing chime.
  - Stainless steel control buttons.
  - Door hardware, interlocks and related equipment (GAL Manufacturing).
  - Unit metering to monitor use.
- b. Hall station equipment shall include:
- The hall station shall be flush-mount to cover the existing holes. Fire engraving shall be included to eliminate extra signage as required by code. The hall station shall have LED lamps for extended life.
- c. New digital readout hall position indicators shall be installed above each elevator entrance on all landings. The readouts shall be in the color red, 2" in height, with direction arrows. The hall lanterns shall be installed in the fixture for visual and audio annunciation of car travel for the handicapped.

- 6.11 A switch shall be provided in the car-operating station to permit operation of the elevator from the top of the car for inspection purposes. An operating fixture shall be provided on top of the car containing continuous pressure "UP" and "DOWN" buttons for operating the elevator, an emergency stop switch, inspections/run switch, and visual and audio annunciation for fire recall.
- 6.12 A new EECO UV-7B hydraulic control valve with Viton "O" rings shall be installed to improve leveling control speed due to the excessive heat in the oil generated by moderate use of the elevator. Change all hydraulic fluids in reservoir tank and associated lines with new hydraulic fluid.
- 6.13 New spring-loaded ELSCO roller guides with adjustable stops shall be added to the top and bottom of the elevator for improved ride quality.
- 6.14 An emergency stop switch shall be located in the pit.
- 6.15 All new hoistway wiring and car wiring shall be installed for elevator. All wiring in the machine room shall be replaced. New car traveling cables shall be installed. All wiring shall meet NEC Code and Title 8, Subchapter 6, Code for California.
- 6.16 A solid building ground shall be supplied. The disconnects shall be replaced as necessary.
- 6.17 All electrical permits and inspections shall be included in this contract.
- 6.18 New smoke detectors shall be installed in each elevator machine room and at the top of each elevator hoistway, as required by code.

Contractor shall supply shop drawings, permits, devices and programming.

- a. Existing Form O contacts (two in each machine room shall be used to accomplish elevator recall and alt floor). Contractor shall review the GSGM (program).
- 6.19 All elevator units are to have Simplex operations.
- 6.20 All remaining hardware/components/equipment must be reconnected and shall remain operable.
- 6.21 Replace existing flooring (carpet) with (3/8"x12"x12" travertine, color to match existing lobby).

#### PROVIDE BID ALTERNATIVES FOR THE FOLLOWING ITEMS:

- 1. An INX data loop
- 2. A central monitoring system

#### 7. Temporary Service

The public and staff will not use the elevator for temporary service prior to its completion and acceptance. Elevators to be upgraded one at a time. Maintain at least one elevator working and available for public and staff use at each building at all times. Provide signage to direct public and staff to working elevators.

8. Guarantee

The contractor shall guarantee that the materials are new and workmanship of the apparatus furnished under these specifications is first class in every respect. The vendor shall make good any defects not due to ordinary wear-and-tear or improper use or car contract maintenance by the vendor for one (1) year.

9. Maintenance

Provide specifications/requirement of a maintenance schedule that would not void warranty.

10. Painting

All exposed metal work furnished under these specifications shall be painted with two (2) coats.

11. Permits and Inspections

The contractor shall furnish all licenses and permits and shall arrange for and make all inspections and tests required thereby for the elevator installation.

12. Testing and Operation Manual

Schedule a test run with the City Facilities staff, provide training to City staff. Submit three copies of the operation manual to City Facilities Project manager.

24. **Signatures:** The undersigned understands and agrees that the conditions set forth in the instructions to vendors, the terms and conditions and the specifications, together with the bid and any other documents submitted in response to the foregoing, shall form a part of and be construed with the purchase order/contract.

**VENDOR:**

_____ Company Name	_____ Street Address of Company
_____ Signature of Officer	_____ City, State, Zip
_____ Printed Name of Officer	_____ Telephone No./Fax No.
_____ Title of Officer	_____ Federal I.D. Tax Number